



August 22<sup>nd</sup>, 2016

Tennessee Department of Environment & Conservation  
Division of Water Pollution Control  
Field Office  
1221 South Willow Avenue  
Cookeville, TN 38506

Attention: Jeff Patton

Subject: **Results after violation on June 16<sup>th</sup>, 2016**  
**APAC Atlantic Inc. / Harrison Division Harrison Sand Plant**  
**1902 Cox Valley Road**  
**Crab Orchard, Tennessee 37723**

Dear Jeff Patton:

On June 16<sup>th</sup>, 2016 Harrison had a high TSS sample result of 67.2 mg/L at outfall number # 001 which was above the permitted 40.0 mg/L limit. Corrective maintenance and adjustments were performed on the Floc machine. Additional testing showed the TSS to be lowered. The ponds were cleaned and additional corrections were made to the process. A sample tested on August 2<sup>nd</sup> showed the TSS to be at 20.0 mg/L.

If I can be of further assistance, please do not hesitate to contact me.

Sincerely,

Tyler Rutherford, EI  
APAC Atlantic, Inc. Harrison Division  
Environmental Safety and Health  
Office: (865) 380-5831  
Fax: (865) 981-5772  
Cell: (865) 250-8377

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SEP 14 2016

ENVIRONMENT & CONSERVATION  
COOKEVILLE FIELD OFFICE

## COOLER INSPECTION FORM # 10001.1

Client Name: Harrison ConstructionDate/Time Received: 8-4-16 13:32Work Order: 1612287No. of Samples: 1Received By: [Signature]Checklist Completed By: [Signature]Carrier: FedEx( ) UPS( ) Client(☒) Field Services( ) Other( ):

After-Hours Receipt?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Shipping container in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/> Not Present <input type="checkbox"/>
Custody seals intact on cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/> Not Present <input checked="" type="checkbox"/>
Custody seals intact on samples?	Yes <input type="checkbox"/>	No <input type="checkbox"/> Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody includes proper client information?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody includes proper collection information and signatures?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody includes dates and times of sample collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody includes proper sample descriptions?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody identifies proper sample matrix?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody identifies proper number of samples?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody includes required analysis?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples are in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample containers are intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sufficient sample volume collected for requested analysis?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
VOA vials for aqueous samples have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/> Not Present <input checked="" type="checkbox"/>
Samples received within holding times?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Sample properly preserved?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

If No, adjusted by? \_\_\_\_\_ Date/Time: \_\_\_\_\_

Remarks: \_\_\_\_\_

ANY "NO" EVALUATION REQUIRES CLIENT NOTIFICATION (excluding After-Hours Receipt).
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Comments: \_\_\_\_\_

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## CERTIFICATE OF ANALYSIS

Harold Kelley  
Harrison Construction APAC  
P.O. Box 6390  
Knoxville, TN 37914

Date Reported: 8/15/2016  
Date Received: 8/4/2016  
Cust #: RA017  
PO#:

Workorder: 1612257 Project: Crab Orchard

Analyte	Result	Units	Dil	Qualifier	RL	Analyst	Analyzed	Method
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TN0047392-1 Sampled: 08/02/2016 11:30

1612257-01 (Water)

### Wet Chemistry

Analyzed By: Microbac Knoxville Division

Total Suspended Solids	20.0	mg/L	1	8.3	CWC	08/09/2016 16:16	SM 2540 D 1997
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The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced wholly or in part for advertising or other purposes without approval from the laboratory.

Microbac Laboratories, Inc.

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2631 Grandview Avenue Nashville, TN 37211 | 615.242.1480 p | 612.242.5522 f | www.microbac.com  
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